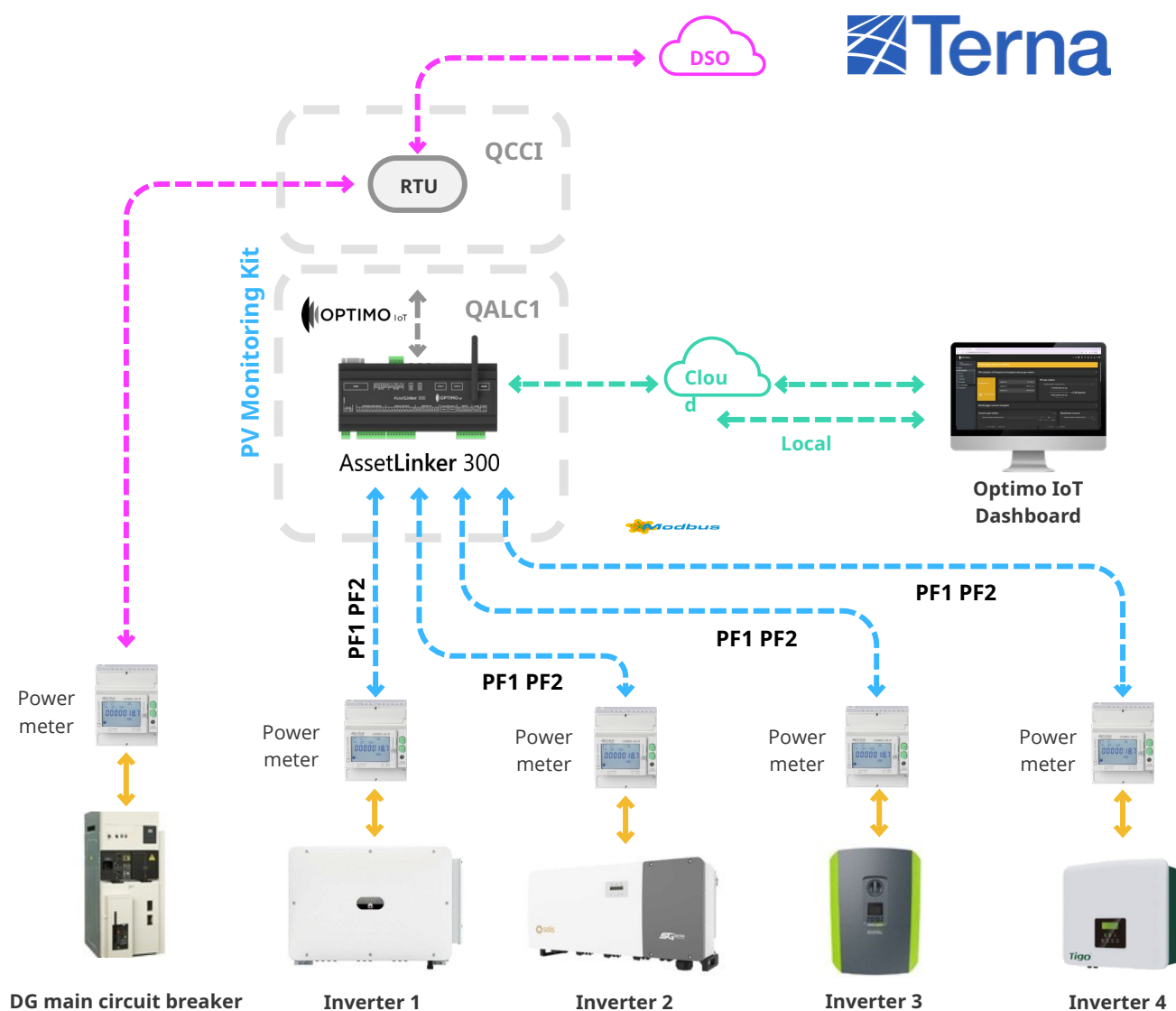


## Optimo IoT PV Monitoring & CCI Kit

**Optimo IoT PV Monitoring Kit with integrated CCI:** a complete solution for monitoring and controlling photovoltaic production profiles and for complying with Italian ARERA resolutions 540, 340 and 385 (mandatory CCI installation).

### STEP 1 Install our PV Monitoring & CCI Kit

Thanks to the expertise of our **engineering division**, we will help you read data directly from the photovoltaic inverters via Modbus, OPC UA and other protocols, with no additional meters to install. Alternatively, we help you assess whether metering systems are needed on the main circuit breaker (DG) and on the generation plants.



We will ship you the **PV Monitoring Kit** with **all the material needed** for your trusted installer to commission the system with our **support**.

## STEP 2 Communication with multi-brand inverters

Optimo IoT has proven experience communicating with the most popular inverters. For these we have developed **plug-and-play** drivers that make commissioning easier



### Solis

All models supported. We communicate directly with the inverters via RS485



### Azzurro ZCS

All models supported. We communicate directly with the inverters via RS485



### SolarEdge

All models supported with FW  $\geq$  3.xxx (otherwise a firmware update is required)



### Fimer (ex ABB, ex Aurora)

Depending on the inverter model, the VSN700 data logger may be required



### Huawei

All models supported with SmartLogger 3000



### Kostal

Plenticore/Piko supported. Direct connection via Modbus TCP



### Other brands? No problem

The AL300 can integrate any inverter that supports the Modbus and/or SunSpec protocol. We can take care of the communication study and commissioning **free of charge**

## STEP 3 Monitor your plants on **Optimo IoT** dashboards and communicate directly with the DSO

Through our cloud platform you can **monitor the system remotely** and share information with colleagues, consultants, maintenance staff or any other stakeholders.

You can also integrate other measuring devices, not necessarily related to photovoltaics.

Through the transmission unit, the system will autonomously **send the distributor** only the data required by the regulations.

Using the algorithms in the **AL300** you can remotely perform **power modulation** and validate the effectiveness of the **PF2** function of the **CCI**

Panels with **AL300** for inverter control and DDI status reading

Central **CCI** unit  
**ComAp**

Panels with **AL300** for inverter control and DDI status reading



AssetLinker 300



AssetLinker 300



Contact us to find out more!

+39 039 596 9780

[info@optimoiot.it](mailto:info@optimoiot.it)

Optimo IoT s.r.l.  
P.IVA 03834900130

Registered office Via Restelli, 3 - 20124 Milano (MI)  
Offices Via Sant'Anna, 16 - 23875 Osnago (LC)

[optimoiot.it](http://optimoiot.it)

